

Serial No.: 09/240,524

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an outer shell, an inner shell, and an annulus between the outer and inner shells;

at least a first end chamber in fluid communication with the annulus;

a roller journal in communication with the annulus; and

a plurality of channels in the first end chamber, each channel having a first end closer to the roller journal and a second end closer to the annulus;

wherein [the second end of each channel is wider than the first end of the channel, and] each channel becomes progressively wider along a plane which includes a circumference of the first end chamber between the first end and the second end thereof.

14. (Twice Amended) A thermal transfer roller, comprising:

an outer shell, an inner shell, and an annulus between the outer and inner shells;

an inlet end chamber in communication with the annulus;

a plurality of channels in the inlet end chamber, each having a wider end closer to the annulus and a narrower end further away from the annulus, wherein each channel becomes progressively wider along a plane which includes a circumference of the inlet end chamber between the narrower end and the wider end thereof;

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an outlet end chamber in communication with the annulus; and
a plurality of channels in the outlet end chamber, each having a wider end closer to the annulus and a narrower end further away from the annulus, wherein each channel becomes progressively wider along a plane which includes a circumference of the outlet end chamber between the narrower end and the wider end thereof.

20. (Twice Amended) A thermal transfer roller, comprising:
a first end chamber in communication with a source of fluid;
an annulus in communication with the first end chamber; and
a plurality of channels in the first end chamber, each channel having a wider end closer to the annulus, and a narrower end, wherein adjacent channels are separated by a wall having a substantially uniform thickness [a distance between the wider end of each channel and the wider ends of adjacent channels is about the same as a distance between the narrower end of each channel and the narrower ends of adjacent channels].

REMARKS

Applicants' undersigned attorney would like to thank the Examiner for the telephone interview on 09 May 2000. During the interview, the Examiner